

Seattle & King County

HEALTHY PEOPLE. HEALTHY COMMUNITIES.

Alonzo L. Plough, Ph.D., MPH, Director

July 21, 2000

10118 LLC ATT: Peter Most 10020 Main Street, Building A, #317 Bellevue, WA 98004

Dear Mr. Most:

Site Hazard Assessment - (b) (6) Re: **Property Site** 

The King County Health Department has completed the site hazard assessment (SHA) of the (b) (6) Property site, as required under the Model Toxics Control Act. This site's hazard ranking, an estimation of the potential threat to human health and/or the environment relative to all other Washington state sites assessed at this time, has been determined to be a 5, where 1 represents the highest relative risk and 5 the lowest.

For your information, Ecology will be publishing the ranking of this, and other recently assessed sites in the August 29, 2000 Special Issue of the Site Register. The site hazard ranking will be used in conjunction with other site-specific considerations in determining Ecology's priority for future actions.

Please contact me at (206) 296-4798 if you have any questions relating to the SHA of your site. If you have any inquiries/comments about the site scoring/ranking process, please call Michael Spencer at (360) 407-7195. For inquiries regarding any further activities at your site now that it is on Ecology's Hazardous Sites List, please call Louise Bardy at (425) 649-7209.

Sincerely,

Yolanda King, R.S.

YK:em

Michael Spencer, Washington Department of Ecology cc:

Louise Bardy, Washington Department of Ecology

oluli Qu, R.S.

#### SITE HAZARD ASSESSMENT WORKSHEET 1 SUMMARY SCORE SHEET

Site Name/Location (Street, City, County, Section/Township/Range, TCP ID Number):

(b)(6) Property
10118 Des Moines Memorial Drive South
Seattle, WA 98168-5603
King County
T-23N, R-04E, Sec-04
TCP ID: N-17-5556-000
Longitude: 122\* 18' 36.9"
Latitude: 47\* 30' 46.46"
Site assessed for August 29, 2000 update

Site Description (Include management areas, substances of concern, and quantities):

The (b)(6) Property site is located in a residential area south of Seattle near the Duwamish River. The site property is bordered by Des Moines Memorial Drive South to the west and the eastern border, State Route 99, downgradient from the site. This 0.42-acre site is located in an area with municipal water and sewer systems. The site property had been used as a residence and a home auto repair shop. Currently, the house appears to be vacated and a majority of the solid waste that was present at the time of the initial investigation has been removed.

On June 3, 1994 and June 4, 1997, complaints were made to the Washington State Department of Ecology (Ecology) concerning the dumping of waste oil and used antifreeze into the ground creating a lot of stains visible in the bare soil. Also, there was a lot of solid waste on the site property. The Site Hazard Assessment team from the Public Health - Seattle & King County (PHSKC) performed the initial investigation on August 7, 1997. The investigators discovered six cars in various states of disrepair, several automotive batteries on the bare ground, and several areas of soil stained with motor oil and transmission fluid. Along the north side of the house, there was a van filled with garbage with a variety of solid wastes stacked between the driveway and the north property line. General rubbish such as wood waste and construction debris was scattered along the northern portion of the site. Due to a large amount of solid waste on the property at the time of the visit, it was uncertain what the full extent of the soil contamination had been.

Because there was confirmed soil contamination by petroleum products observed on the site, the (b)(6) i Property site was added to the Integrated Site Information Systems (ISIS) list of confirmed and suspected contaminated sites on June 6, 1998. The site was confirmed for petroleum products and suspected for metals and organic conventional contaminants in the soil media. This site will be evaluated on its potential impacts to human health and the environment.

Yolanda King and Carsten Thomsen of the PHSKC conducted a site hazard assessment (SHA) visit on June 1, 2000 to sample the (b)(6) Property. PHSKC met with the property representative, Peter Most, who was present to witness the soil sampling. PHSKC observed various areas of stained soil on the north side of the driveway in the similar region as indicated in the initial investigation. Three sample locations were selected in this region situated in the northwest corner of the lot.

All three of the soil samples were taken at a depth of six to eight inches. The first soil sample was retrieved from an area that appeared to have some soil staining adjacent to the rock wall. A previous battery location near the driveway as indicated from the initial investigation is where the second sample was taken. The final soil sample was retrieved from the previous truck bed location as shown in a picture during the initial investigation where soil contamination from suspected petroleum products could be seen. All three soil samples were analyzed for Northwest Total Petroleum Hydrocarbons-Gasoline/Benzene, Toluene, Ethyl benzene, and Xylene (NWTPH-Gas/BTEX), Northwest Total Petroleum Hydrocarbons Diesel Extended (NWTPH-Dx), and total metals.

There was no NWTPH-Gas/BTEX or diesel fuel detected in any of the three soil samples. Most of the total metals were also not detectable in any of the three samples. Barium, chromium, and lead were among the only metals that were detected in the three soil samples, however they were all below the Model Toxics Control Act (MTCA) Method A cleanup levels. Heavy oil was present in all three samples with levels exceeding the current MTCA Method A cleaup level of 200 ppm (parts per million) for heavy oil as indicated in the table below.

	Heavy Oil (ppm)
Sample #1	1500
Sample #2	3400
Sample #3	730
MTCA Method A Cleanup Level	200

On the basis of this SHA, completed by the PHSKC's Environmental Health Division, this site will be scored for the surface water and groundwater routes only due to the fact that heavy oil has no toxicity related to the air route.

Special Considerations (Include limitations in site file data or data which cannot be accommodated in the model, but which are important in evaluating the risk associated with the site, or any other factor(s) overriding a decision of no further action for the site): N/A

#### ROUTE SCORES:

Surface Water/Human Health: 6.1

Surface Water/Environ.: NS

Air/Human Health: N/A

Air/Environmental: N/A

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Ground Water/Human Health: 11.9

OVERALL RANK: 5

#### WORKSHEET 2 ROUTE DOCUMENTATION

#### SURFACE WATER ROUTE

List those substances to be considered for scoring: Source: 2

NWTPH-Heavy Oil

Explain basis for choice of substance(s) to be used in scoring.

The above substance concentration is above MTCA Method A Cleanup Standard.

List those management units to be considered for scoring: Source: 2,3

Soil contamination

Explain basis for choice of unit to be <u>used</u> in scoring. Source: 3

Surface soil is exposed to weather with no containment.

#### 2. AIR ROUTE

List those substances to be considered for scoring:

Source:

There will be no score for the air route.

Explain basis for choice of substance(s) to be used in scoring.

List those management units to be considered for scoring:

Explain basis for choice of unit to be used in scoring. Source:

#### 3. GROUND WATER ROUTE

List those substances to be considered for scoring:

Source: 2

NWTPH-Heavy Oil

Explain basis for choice of substance(s) to be used in scoring.

The above substance concentration is above MTCA Method A Cleanup Standard.

List those management units to be considered for scoring: Source: 2,3

Soil contamination

Explain basis for choice of unit to be used in scoring.

Source: 3

Surface soil is exposed to weather with no containment.

## WORKSHEET 3 SURFACE WATER ROUTE

1.0	SUBSTANCE CHA	RACTERISTICS	*					
1.1	Human Toxicit	У						
	tance TPH-Heavy Oil	Drinking Water Standard (ug/l) ND -	Acute Toxici (mg/kg-by ND	ity	Tox	onic icity day) <u>Val.</u>	Carc geni WOE PF	city * <u>Val.</u>
,						So	urce:1	
*Pot	ency Factor					Highest V	alue:1	x.=10)
						2 Bonus Po inal Toxic	ints? n	/a
1.2	Environmental	Toxicity						
	( ) Fr ( ) Ma	eshwater rine						
	Qua	te Water lity Criteri ug/l) Val ND -	a A	n-human N Acute To: ng/kg) ND	Mammalia xicity <u>Value</u> -		Val	ue: NS (Max.=10)
1.3	Substance Qua Explain basis			40'= 60	0 sq ft	Source:	2 Val	ue: 5 (Max.=10)
2.0	MIGRATION POT	ENTIAL						
2.1	Containment Explain basis:	spill/disch	arge with	no cont	ainment	Source:	2 Val	ue: 10 (Max.=10)
2.2	Surface Soil	Permeability	:si	ilty san	d	Source:	2 Val	ue: 3 (Max.=7)
2.3	Total Annual	Precipitatio	n:33	. 8	inches	Source:	4 Val	
2.4	Max. 2-Yr/24-	hour Precipi	tation:	1-2	inches	Source:	4 Val	ue: 2 (Max.=5)
2.5	Flood Plain:_	not	in flood	plain		Source:	7 Val	
2.6	Terrain Slope	:	> 2 to 5	5 %		Source:	3 Val	ue: 2 (Max.=5)

## WORKSHEET 3 (continued) SURFACE WATER ROUTE

3.0	TARGETS		
3.1	Distance to Surface Water: <u>Duwamish River = 400 ft</u>	Source: 3	Value: 10 (Max.=10
3.2	Population Served within 2 miles (See WARM Scoring Manual Regarding Direction): pop = 0	Source: 5	Value: 0 (Max.=75
3.3	Area Irrigated within 2 miles $0.75$ no. acres = (Refer to note in 3.2.): $0.75$ (sq rt 0) = 0 acres	Source: 6	Value: 0 (Max.=30
3.4	Distance to Nearest Fishery Resource: N/A	Source:	Value: 0 (Max.=12
3.5	Distance to, and Name(s) of, Nearest Sensitive Environment(s) 400 ft  Duwamish River	Source: 7	Value: 12 (Max.=12
4.0	RELEASE		
	Explain basis for scoring a release to surface water: none confirmed	Source: 3	Value: 0 (Max.=5)

## WORKSHEET 4 GROUND WATER ROUTE

1.0	SUBSTANCE CHARACTERISTICS	
1.1	Human Toxicity	
	Standard Toxicity Tox	conic Carcino- icity genicity /day) Val. WOE PF* Val. 1 ND ND -
*Pote	ency Factor	Source:1 Highest Value:1 (Max.=10)
		+2 Bonus Points?  Final Toxicity Value: 1  (Max.=10)
1.2	Mobility (Use numbers to refer to above listed su Cations/Anions: 1= ; 2= ; 3= ; 4= ; 5= ;	
	OR Solubility(mg/l): 1 = < 10	
1.3	Substance Quantity: $1,800$ cu ft $\div$ 27 = 66.7 cu yd. Explain basis: $600$ sq ft x 3' depth = 1,800 cu ft	
2.0	MIGRATION POTENTIAL	
2.1	Containment Explain basis: spill/discharge; no containment	Source: 2 Value: 10 (Max.=10)
2.2	Net Precipitation: 19.2 inches	Source: 4 Value: 2 (Max.=5)
2.3	Subsurface Hydraulic Conductivity: silty sand	Source: 2 Value: 3 (Max.=4)
2.4	Vertical Depth to Ground Water: 50 - 100 feet	
3.0	TARGETS	
3.1	Ground Water Usage: public supply/alt source avai	1 Source: 5 Value: 4 (Max.=10)
3.2	Distance to Nearest Drinking Water Well: 8,570 ft	• • • • • • • • • • • • • • • • • • •
3.3	Population Served within 2 Miles: pop. > 10,000	S. A. C.
3.4	Area Irrigated by (Groundwater) Wells  within 2 miles: 0.75 no.acres =  0.75(sq rt 0) = 0 acres	Source: 6 Value: 0 (Max.=100)
4.0	RELEASE Explain basis for scoring a release to ground water: none confirmed	Source: 2 Value: 0 (Max.=5)

#### SOURCES USED IN SCORING

- 1. Washington Ranking Method Toxicological Database
- 2. Analytical Results, (b) (6) Property, Onsite Environmental, Inc., June 1, 2000
- 3. Site Hazard Assessment, Public Health Seattle & King County, August 29, 2000
- 4. Nation Weather Service Data
- 5. Washington State Department of Health Public Water Supply Listing
- 6. Washington State Water Use Data
- 7. Sensitive Areas Coverage, King County Geographic Information System Data



June 12, 2000

Carsten Thomsen Seattle - King County Department of Public Health 1st Interstate Center 999 3rd Avenue, Suite 700 Seattle, WA 98104-4099

Re:

Analytical Data for Project (b) (6) Property Laboratory Reference No. 0006-009

Dear Carsten:

Enclosed are the analytical results and associated quality control data for samples submitted on June 1, 2000.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

DEPT. OF ECOLOGY

Sincerely,

David Baumeister Project Manager

**Enclosures** 

#### **NWTPH-G/BTEX**

Date Extracted:

6-2-00

Date Analyzed:

6-3-00

Matrix: Soil

Units: mg/Kg (ppm)

Client ID: Lab ID:

MP #1

06-009-01

MP #2

06-009-02

		Result	Flags	PQL	Result	Flags	PQL
Benzene		ND ,		0.057	ND		0.054
Toluene		0.11		0.057	0.060		0.054
Ethyl Benzene		ND		0.057	ND		0.054
m,p-Xylene		ND		0.057	ND		0.054
o-Xylene		ND		0.057	ND		0.054
TPH-Gas		ND		5.7	ND		5.4
Surrogate Reco Fluorobenzene	very:	86%			80%		

#### **NWTPH-G/BTEX**

Date Extracted:

6-2-00

Date Analyzed:

6-3-00

Matrix: Soil

Units: mg/Kg (ppm)

Client ID: Lab ID:

Fluorobenzene

MP #3

06-009-03

		Result	Flags	PQL
Benzene		ND		0.055
Toluene		0.063		0.055
Ethyl Benzene		ND		0.055
m,p-Xylene		ND		0.055
o-Xylene		ND		0.055
TPH-Gas	*	ND		5.5
Surrogate Recovery:				

84%

#### **NWTPH-G/BTEX** METHOD BLANK QUALITY CONTROL

Date Extracted:

6-2-00

Date Analyzed:

6-2-00

Matrix: Soil

Units: mg/Kg (ppm)

Lab ID:

MB0602S1

	Result Fla	gs PQL
Benzene	ND	0.050
Toluene	ND	0.050
Ethyl Benzene	ND	0.050
m,p-Xylene	ND	0.050
o-Xylene	ND	0.050
TPH-Gas	ND	5.0
Surrogate Recovery: Fluorobenzene	94%	

Date of Report: June 12, 2000 Samples Submitted: June 1, 2000 Lab Traveler: 06-009

Project: (b) (6) i Property

#### **NWTPH-G/BTEX DUPLICATE QUALITY CONTROL**

Date Extracted:

6-2-00

Date Analyzed:

6-3-00

Matrix: Soil

Units: mg/Kg (ppm)

Fluorobenzene

Lab ID:

06-009-02

06-009-02

79%

Flags

,	Original	Duplicate	RPD
Benzene	ND	ND	NA
Toluene	0.056	0.054	4.9
Ethyl Benzene	ND	» ND	NA
m,p-Xylene	ND	ND	NA
o-Xylene	ND	ND	NA
TPH-Gas	ND	ND	NA
Surrogate Recovery:			

80%

Lab Traveler: 06-009
Project: (b) (6) Property

## NWTPH-G/BTEX MS/MSD QUALITY CONTROL

Date Extracted:

6-2-00

Date Analyzed:

6-2-00

Matrix: Soil

Units: mg/Kg (ppm)

Spike Level: 1.00 ppm

Lab ID:	06-011-02	Percent	06-011-02	Percent		
	MS	Recovery	MSD	Recovery	RPD	Flags
Benzene	0.842	84	0.840	84	0.24	
Toluene	0.883	83	0.853	80	3.5	
Ethyl Benzene	0.855	- 86	0.845	85	1.2	
	0.000		5.5.15			
m,p-Xylene	0.878	88	0.855	86	2.6	
1.3. F.						
o-Xylene	0.844	84	0.837	84	0.89	

Surrogate Recovery:

Fluorobenzene

86%

86%

#### **NWTPH-Dx**

Date Extracted:

6-2-00

Date Analyzed:

6-2-00

Matrix:

Soil

Units:

mg/Kg (ppm)

Client ID:	MP #1	MP #2	MP #3
Lab ID:	06-009-01	06-009-02	06-009-03
	4 4 4		
Diesel Fuel:	ND	ND	ND
PQL:	28	27	28
Heavy Oil:	1500	3400	730
PQL:	57	54	55
Surrogate Recovery:			
o-Terphenyl	87%	81%	82%
Flags:	X	X	X

Lab Traveler: 06-009 Project: (b) (6) Property

#### NWTPH-Dx METHOD BLANK QUALITY CONTROL

Date Extracted:

6-2-00

Date Analyzed:

6-5-00

Matrix:

Soil

Units:

mg/Kg (ppm)

Lab ID:

MB0602S1

Diesel Fuel:

ND

PQL:

25

Heavy Oil:

ND

PQL:

50

Surrogate Recovery:

o-Terphenyl

107%

Flags:

X

Lab Traveler: 06-009 Project: (b) (6) Property

#### NWTPH-Dx DUPLICATE QUALITY CONTROL

Date Extracted:

6-2-00

Date Analyzed:

6-2-00

Matrix:

Soil

Units:

mg/Kg (ppm)

Lab ID:

05-211-07

05-211-07 DUP

Diesel Fuel:

ND

ND

PQL:

25

25

RPD:

N/A

Surrogate Recovery:

o-Terphenyl

82%

85%

Flags:

#### **TOTAL METALS** EPA 6010B/7471A

Date Extracted:

6-6&8-00

Date Analyzed:

6-6&8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

06-009-01

Client ID:

MP #1

Analyte	Method	Result	PQL
Arsenic	6010B	ND	11
Barium	6010B	190	2.8
Cadmium	6010B	ND	0.57
Chromium	6010B	17	0.57
Lead	6010B	81	5.7
Mercury	7471A	ND	0.28
Selenium	6010B	ND	11
Silver	6010B	ND	0.57

#### **TOTAL METALS** EPA 6010B/7471A

Date Extracted:

6-6&8-00

Date Analyzed:

6-6&8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

06-009-02

Client ID:

MP #2

Analyte	Method	Result	PQL
Arsenic	6010B	 ND	11
Barium	6010B	65	2.7
Cadmium	6010B	ND	0.54
Chromium	6010B	18	0.54
Lead	6010B	43	 5.4
Mercury	7471A	ND	0.27
Selenium	6010B	ND	11
Silver	6010B	ND	0.54

#### **TOTAL METALS** EPA 6010B/7471A

Date Extracted:

6-6&8-00

Date Analyzed:

6-6&8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

06-009-03

Client ID:

MP #3

Analyte	Method	Result	PQL
Arsenic	6010B	ND	11
Barium	6010B	59	2.7
Cadmium	6010B	ND	0.55
Chromium	6010B	18	0.55
Lead	6010B	15	5.5
Mercury	7471A	ND	0.27
Selenium	6010B	ND	11
Silver	6010B	ND	0.55

Lab Traveler: 06-009 Project: (b) (6) i Property

#### TOTAL METALS EPA 6010B/7471A METHOD BLANK QUALITY CONTROL

Date Extracted:

6-6-00

Date Analyzed:

6-6&8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

MB0606S1

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Barium	6010B	ND	2.5
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Lead	6010B	ND	5.0
Selenium	6010B	ND	10
Silver	6010B	ND	0.50

Lab Traveler: 06-009 Project: (b) (6) Property

#### TOTAL METALS EPA 6010B/7471A METHOD BLANK QUALITY CONTROL

Date Extracted:

6-8-00

Date Analyzed:

6-8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

MB0608S1

Analyte Method Result PQL

Mercury 7471A ND 0.25

Lab Traveler: 06-009 Project: (b) (6) Property

#### **TOTAL METALS** EPA 6010B/7471A **DUPLICATE QUALITY CONTROL**

Date Extracted: 6-6-00

Date Analyzed:

6-6&8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

06-009-01

	Sample	Duplicate			
Analyte	Result	Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Barium	166	192	14	2.5	
Cadmium	ND	ND	NA	0.50	
Chromium	14.9	18.0	19	0.50	
Lead	70.9	66.6	6.3	5.0	
Selenium	ND	ND	NA	10	
Silver	ND	ND	NA	0.50	

Lab Traveler: 06-009 Project: (b) (6) Property

## TOTAL METALS EPA 6010B/7471A DUPLICATE QUALITY CONTROL

Date Extracted: 6-8-00 Date Analyzed: 6-8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

06-040-12

	S	ample	Duplicate			
Analyte	F	Result	Result	RPD	PQL	Flags
Mercury		ND	ND	NA	0.25	

Date of Report: June 12, 2000 Samples Submitted: June 1, 2000 Lab Traveler: 06-009

Project: (b) (6) Property

### **TOTAL METALS** EPA 6010B/7471A MS/MSD QUALITY CONTROL

Date Extracted: 6-6-00 Date Analyzed: 6-6&8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

06-009-01

	Spike		Percent		Percent						
Analyte	Level	MS	Recovery	MSD	Recovery	RPD	Flags				
Arsenic	100	92.1	92	88.7	89	3.8					
Barium	100	217	50	226	60	4.2					
Cadmium	50	44.7	89	43.6	87	2.6					
Chromium	100	105	90	103	88	1.9					
Lead	250	262	77	278	83	5.8					
Selenium	100	88.9	89	89.4	89	0.56					
Silver	50	43.7	87	43.8	88	0.11					

Lab Traveler: 06-009 Project: (b) (6) Property

#### **TOTAL METALS** EPA 6010B/7471A MS/MSD QUALITY CONTROL

Date Extracted: 6-8-00

Date Analyzed:

6-8-00

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

06-040-12

	Spike		Percent		Percent		
Analyte	Level	MS	Recovery	MSD	Recovery	RPD	Flags
Mercury	1.0	1.02	102	1.01	101	1.2	

Date Analyzed: 6-2-00

#### % MOISTURE

Client ID	Lab ID	% Moisture
MP #1	06-009-01	12
MP #2	06-009-02	7.0
MP #3	06-009-03	9.0



#### **DATA QUALIFIERS AND ABBREVIATIONS**

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- D Data from 1:\_\_\_\_ dilution.
- E The value reported exceeds the quantitation range, and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- G Insufficient sample quantity for duplicate analysis.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeniety. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- O Hydrocarbons outside the defined gasoline range are present in the sample; NWTPH-Dx recommended.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical \_\_\_\_\_
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a silica gel cleanup procedure.
- Y Sample extract treated with an acid cleanup procedure.

Z -

ND - Not Detected

MRL - Method Reporting Limit

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

# OnSite Environmental Inc.

## **Chain of Custody**

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Environmental Inc.	Turnaround Request (in working days)			Project Chemist:						Laboratory No. 06 - 009											
14648 NE 95th Street • Redmond, WA 98052 Fax: (425) 885-4603 • Phone: (425) 883-3881	(Check		Requested Analysis											200							
	☐ Same Day	☐ 1 Day			1																
company: King County Health	☐ 2 Day	☐ 3 Day				m											1				
Project No.:	Standard					8260					1										
Project Nan(b) (6)	(Hydrocarbon a	nalyses: 5 days,				es by	70C				(8)										
Property	All other analyse	110	,	Ĕ	809a	Volatil	by 82	0	N	8081	letals								1		
Project Nan(b) (6) Property Project Manager:  205) 296-4830	(other	er)	NWTPH-HCID	NWTPH-GXB1EX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C	PCB's by 8082	Pesticides by 8081	Total RCRA Metals (8)	TCLP Metals				1				sture	
	Date Time	# of Matrix Cont.	WTP	NWTPH-GX	Volatile	Haloge	Semivo	PAHs b	CB's	Pesticic	Fotal R	ICLP !	VPH	ЕРН						% Moisture	
1 MP#1 01	101/00 11:00 an	51		XX			0,				X									X	
d MP#2 01	do1/00 11:10 au	5 1		XX							X									X	
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